

1. (Once Amended) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

encrypted electronic data; [and]

A₁ a medium personal number which is unique for each storage medium, wherein at least the medium personal number is written onto the storage medium in an unrewritable form which said user computer cannot rewrite[.]; and [said medium personal number is used for generating a decryption key for decrypting said encrypted electronic data in said user computer]

permission information which includes a decryption key encrypted in a manner that is not dependent on a specific device identifier for a specific device.

6. (Once Amended) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

A₂ encrypted electronic data; [and]

a medium personal number which is unique for each storage medium, wherein at least the medium personal number is written onto the storage medium in an unrewritable form which said user computer cannot rewrite[.]; and [said medium personal number is used for generating an encrypted permission information in said vendor computer].

permission information encrypted in a manner that is not dependent on a specific device identifier for a specific device.

11. (Once Amended) A storage medium accessed by a vendor computer and a user computer said storage medium for storing information readable by said user computer said storage medium comprising:

encrypted electronic data;

a medium personal number which is unique for each storage medium; and

encrypted permission information that is not dependent on a specific device identifier for a specific device;

wherein at least the medium personal number is written onto the storage medium in an unrewritable form which a user computer cannot rewrite.

17. (Once Amended) A storage medium for storing data for access and processing by a storage reading apparatus, said storage medium comprising:

a medium personal number which is unique for each storage medium, wherein the medium personal number is written onto the storage medium in an un-rewritable form which a user storage reading apparatus cannot rewrite;

electronic information; and

information which is encrypted based on said medium personal number and not on a specific device identifier for a specific device.

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18. (Once Amended) A storage medium for storing data for access and processing by a user storage reading apparatus, said storage medium comprising:

encrypted electronic information;

a medium personal number which is unique for each storage medium;

wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user storage reading apparatus cannot rewrite, and said medium personal number is used for decrypting said encrypted electronic information; and

information which is encrypted based on said medium personal number and not on a specific device identifier for a specific device.

Please add the following new claims:

19. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific second device:

_____ a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

_____ a second storage area for storing a medium personal number, which is unrewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

_____ a third storage area for storing an encrypted decryption key, ^{the encryption is} which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

20. (New) The storage medium of claim 19, wherein the electronic information is software used for a computer.

21. (New) The storage medium of claim 19. (New), wherein the electronic information is electronically published information.

22. (New) The storage medium of claim 19. (New), wherein the storage medium is a read-only optical disk.

23. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific second device, comprising:

_____ a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

_____ a second storage area for storing a medium personal number, which is unrewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

_____ a third storage area for storing an encrypted decryption key, which ^{encryption} decryption key is based upon the medium personal number and the encrypted decryption key is ^{second} independent from a specific device identifier for a specific device.

24. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, comprising:

_____ a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

_____ a second storage area for storing a medium personal number, which is unrewritable, wherein the medium personal number is unique to the storage medium; and

_____ a third storage area for storing an encrypted decryption key, which ^{encryption} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific ^{second} device.

25. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, comprising:

_____ a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

_____ a second storage area for storing a medium personal number, which is unrewritable, wherein the medium personal number is unique to the storage medium; and

_____ a third storage area for storing an encrypted decryption key, which ^{encryption} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific ^{second} device.

26. (New) A storage medium accessible from a plurality of devices which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and independent from a specific device identifier for a specific device, and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device in a particular device, comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a second storage area for storing a medium personal number, which is unrewritable, wherein the medium personal number is unique to the storage medium; and

a third storage area for storing an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

27. (New) A storage medium accessible from different devices at different times, comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

_____ a second storage area for storing a medium personal number, which is un-
rewritable from the devices, wherein the medium personal number is unique to the
storage medium; and

_____ a third storage area for storing encrypted decryption key, which ^{encryption} decryption key is
based upon the medium personal number and the encrypted decryption key is
independent from a specific device identifier for a specific device.

28. (New) A storage medium, comprising:

_____ a first storage area for storing encrypted electronic information, the encrypted
electronic information includes electronic information encrypted based upon a
decryption key;

_____ a second storage area for storing a medium personal number, which is un-
rewritable, wherein the medium personal number is unique to the storage medium; and

_____ a third storage area for storing encrypted decryption key, which ^{encryption} decryption key is
based upon the medium personal number and the encrypted decryption key is
independent from a specific device identifier for a specific device.

29. (New) A storage medium accessible from a first device which encrypts a
decryption key based upon a medium personal number and independent from a specific
device identifier for a specific device and which stores the encrypted decryption key
onto the storage medium, and accessible from a plurality of second devices which
decrypt the encrypted decryption key stored on the storage medium based upon the
medium personal number and independent from a specific device identifier for a specific

second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific second device, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing an encrypted decryption key, which ^{encrypted} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

30. (New) The storage medium of claim 29, wherein the electronic information is software used for a computer.

31. (New) The storage medium of claim 29. (New), wherein the electronic information is electronically published information.

32. (New) The storage medium of claim 29. (New), wherein the storage medium is a read-only optical disk.

33. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key

onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific second, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing an encrypted decryption key, which ^{encriph} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific second device.

34. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing an encrypted decryption key, which ^{enryph} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

35. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing an encrypted decryption key, which ^{enryph} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

36. (New) A storage medium accessible from a plurality of devices which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and independent from a specific device identifier for a specific device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device in a particular device, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing an encrypted decryption key, which ^{encryption} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

37. (New) A storage medium accessible from different devices at different times, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing an encrypted decryption key, which ^{encryption} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

38. (New) A storage medium, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing an encrypted decryption key, which ^{encryption} decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific device identifier for a specific device.

39. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific second device, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

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40. (New) The storage medium of claim 39. (New), wherein the electronic information is software used for a computer.

41. (New) The storage medium of claim 39. (New), wherein the electronic information is electronically published information.

42. (New) The storage medium of claim 39. (New), wherein the storage medium is a read-only optical disk.

43. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device in a particular second device, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

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_____ a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific second device.

44. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

EP

45. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and independent from a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

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46. (New) A storage medium accessible from a plurality of devices which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and independent from a specific device identifier for a specific device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device in a particular device, comprising:

a storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

47. (New) A storage medium accessible from different devices at different times, comprising:

a storage area for storing a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

decrypt key?

48. (New) A storage medium, comprising:

a storage area for storing a medium personal number, which is un-rewritable,

wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information

encrypted based upon the medium personal number and independent from a specific

device identifier for a specific device.

49. (New) A storage medium accessed in a manner such that a decryption key is

encrypted based upon a medium personal number and independent from a specific

device identifier for a specific device and the encrypted decryption key is stored onto the

storage medium, and accessed in a manner such that the encrypted decryption key

stored on the storage medium is decrypted based upon the medium personal number

and independent from a specific device identifier for a specific device and that

encrypted electronic information stored on the storage medium is decrypted based upon

the decryption key that has been decrypted based on the medium personal number and

independent from a specific device identifier for a specific device, comprising:

a storage area for storing a medium personal number, which is un-rewritable,

wherein the medium personal number is unique to the storage medium; and

a storage area for storing encrypted information which includes information

encrypted based upon the medium personal number and independent from a specific

device identifier for a specific device.

50. (New) The storage medium of claim 49. (New), wherein the electronic information is software used for a computer.

51. (New) The storage medium of claim 49. (New), wherein the electronic information is electronically published information.

52. (New) The storage medium of claim 49. (New), wherein the storage medium is a read-only optical disk.

53. (New) A storage medium accessed in a manner such that a decryption key is decrypted based upon a medium personal number and independent from a specific device identifier for a specific device and the encrypted decryption key is stored onto the storage medium and that electronic information is encrypted based upon the decryption key and the encrypted electronic information is stored onto the storage medium, and accessed in a manner such that the encrypted decryption key stored on the storage medium is decrypted based upon the medium personal number and independent from a specific device identifier for a specific device and that encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device in a particular second device in different time, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

54. (New) A storage medium accessed in a manner such that a decryption key is encrypted based upon a medium personal number and independent from a specific device identifier for a specific device and that the encrypted decryption key is stored onto the storage medium, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

55. (New) A storage medium accessed in a manner such that a decryption key is encrypted based upon a medium personal number and independent from a specific device identifier for a specific device and the encrypted decryption key is stored onto the storage medium and that electronic information is encrypted based upon the decryption key and the encrypted electronic information is stored onto the storage medium, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

56. (New) A storage medium accessed in a manner such that an encrypted decryption key stored on the storage medium is decrypted based upon the medium personal number and independent from a specific device identifier for a specific device and encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and independent from a specific device identifier for a specific device, comprising:

_____ a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific device identifier for a specific device.

57. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific

second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

58. (New) The storage medium of claim 57. (New), wherein the electronic information is software used for a computer.

59. (New) The storage medium of claim 57. (New), wherein the electronic information is electronically published information.

60. (New) The storage medium of claim 57. (New), wherein the storage medium is a read-only optical disk.

61. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific

device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

_____ encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

_____ a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

_____ an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

62. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, comprising:

_____ encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and
_____ an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

63. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, comprising:

_____ encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

64. (New) A storage medium accessible from a plurality of devices which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and not dependent on a specific device

identifier for a specific device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific device in a particular device, comprising:

encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

65. (New) A storage medium accessible from different devices at different times, comprising:

encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

66. (New) A storage medium for access by a device, comprising:

encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device, and wherein the encrypted decryption key is accessed and processed by the device to decrypt the encrypted decryption key.

67. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and

an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

68. (New) The storage medium of claim 67. (New), wherein the electronic information is software used for a computer.

69. (New) The storage medium of claim 67. (New), wherein the electronic information is electronically published information.

70. (New) The storage medium of claim 67. (New), wherein the storage medium is a read-only optical disk.

71. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the

decryption key had been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:
_____ a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and
_____ an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

72. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, comprising:

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and
_____ an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

73. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the

decryption key and which stores the encrypted electronic information onto the storage medium, comprising:

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ an encrypted decryption key, which the decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

74. (New) A storage medium accessible from a plurality of devices which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and not dependent on a specific device identifier for a specific device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific device in a particular device, comprising:

_____ a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

_____ an encrypted decryption key, which decryption key is based upon the medium personal number and the encrypted decryption key is not dependent on a specific device identifier for a specific device.

75. (New) A storage medium accessible from different devices at different times, comprising:

a medium personal number, which is un-rewritable, wherein the medium
personal number is unique to the storage medium; and
 an encrypted decryption key, which decryption key is based upon the medium
personal number and the encrypted decryption key is not dependent on a specific
device identifier for a specific device.

76. (New) A storage medium for access by a device, comprising:

 a medium personal number, which is un-rewritable, wherein the medium
personal number is unique to the storage medium; and
 an encrypted decryption key, which decryption key is based upon the medium
personal number and the encrypted decryption key is not dependent on a specific
device identifier for a specific device, and wherein the encrypted decryption key is
accessed and processed by the device to decrypt the encrypted decryption key.

77. (New) A storage medium accessible from a first device which encrypts a
decryption key based upon a medium personal number and not dependent on a specific
device identifier for a specific device and which stores the encrypted decryption key
onto the storage medium, and accessible from a plurality of second devices which
decrypt the encrypted decryption key stored on the storage medium based upon the
medium personal number and not dependent on a specific device identifier for a specific
second device and which decrypt encrypted electronic information stored on the storage
medium based upon the decryption key that has been decrypted based on the medium

personal number and not dependent on a specific device identifier for a specific second device, comprising:

_____ a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and
_____ encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

78. (New) The storage medium of claim 77. (New), wherein the electronic information is software used for a computer.

79. (New) The storage medium of claim 77. (New), wherein the electronic information is electronically published information.

80. (New) The storage medium of claim 77. (New), wherein the storage medium is a read-only optical disk.

81. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second devices which decrypt the encrypted

decryption key stored on the storage medium based upon the medium personal number and not dependent on a specific device identifier for a specific second device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific device in a particular second device in different time, comprising:

_____ a medium personal number, which is un-rewritable from at least the second devices, wherein the medium personal number is unique to the storage medium; and
_____ encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific second device.

82. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium, comprising:

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and
_____ encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

83. (New) A storage medium accessible from a first device which encrypts a decryption key based upon a medium personal number and not dependent on a specific device identifier for a specific device and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, comprising:

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

84. (New) A storage medium accessible from a plurality of devices which decrypt encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and not dependent on a specific device identifier for a specific device and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

_____ a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

85. (New) A storage medium accessible from different devices at different times, comprising:

a medium personal number, which is un-rewritable from the devices, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

86. (New) A storage medium for access by a device, comprising:

a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device, and wherein the encrypted information is accessed and processed by the device to decrypt the encrypted information.

87. (New) A storage medium accessed in a manner such that a decryption key is encrypted based upon a medium personal number and not dependent on a specific device identifier for a specific device and the encrypted decryption key is stored onto the

storage medium, and accessed in a manner such that the encrypted decryption key stored on the storage medium is decrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device and that encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific device, comprising:
a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and
encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

88. (New) The storage medium of claim 87. (New), wherein the electronic information is software used for a computer.

89. (New) The storage medium of claim 87. (New), wherein the electronic information is electronically published information.

90. (New) The storage medium of claim 87. (New), wherein the storage medium is a read-only optical disk.

91. (New) A storage medium accessed in a manner such that a decryption key is decrypted based upon a medium personal number and not dependent on a specific

device identifier for a specific device and the encrypted decryption key is stored onto the storage medium and that electronic information is encrypted based upon the decryption key and the encrypted electronic information is stored onto the storage medium, and accessed in a manner such that the encrypted decryption key stored on the storage medium is decrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device and that encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific device in a particular second device in different time, comprising:

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

_____ encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

92. (New) A storage medium accessed in a manner such that a decryption key is encrypted based upon a medium personal number and not dependent on a specific device identifier for a specific device and that the encrypted decryption key is stored onto the storage medium, comprising:

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

93. (New) A storage medium accessed in a manner such that a decryption key is encrypted based upon a medium personal number and not dependent on a specific device identifier for a specific device and the encrypted decryption key is stored onto the storage medium and that electronic information is encrypted based upon the decryption key and the encrypted electronic information is stored onto the storage medium, comprising:

a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and

encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

94. (New) A storage medium accessed in a manner such that an encrypted decryption key stored on the storage medium is decrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device and encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and not dependent on a specific device identifier for a specific second device, comprising:

_____ a medium personal number, which is un-rewritable, wherein the medium personal number is unique to the storage medium; and
_____ encrypted information which includes information encrypted based upon the medium personal number and not dependent on a specific device identifier for a specific device.

95. (New) A method for a device to access encrypted data on a storage medium, including:

_____ obtaining first data based on a medium personal number and not based on a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium;

_____ decrypting the data based on the first data; and

_____ accessing the decrypted data.

96. (New) A method according to claim 95. (New), wherein the obtaining first data includes encrypting data based on the medium personal number, and wherein the decrypting includes decrypting the encrypted data based on the medium personal number.

97. (New) A method according to claim 95. (New), wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

98. (New) A method according to claim 95. (New), wherein the first data comprises the medium personal number.

99. (New) A method for a device to provide encrypted data to a storage medium, including:

obtaining first data based on a medium personal number and not based on a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium;

encrypting the data based on the first data; and

providing the encrypted data to the storage medium.

100. (New) A method according to claim 99. (New), wherein the obtaining first data includes encrypting a key based on the medium personal number, and wherein the encrypting includes encrypting the data based on the key.

101. (New) A method according to claim 99. (New), wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

102. (New) A method according to claim 99. (New), wherein the first data comprises the medium personal number.

103. (New) A method for a device to access encrypted data on a storage medium, including:

obtaining first data based on a medium personal number and independent from a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium;

decrypting the data based on the first data; and

accessing the decrypted data.

104. (New) A method according to claim 103. (New), wherein the obtaining first data includes encrypting data based on the medium personal number, and wherein the decrypting includes decrypting the encrypted data based on the medium personal number.

105. (New) A method according to claim 103. (New), wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

106. (New) A method according to claim 103. (New), wherein the first data comprises the medium personal number.

107. (New) A method for a device to provide encrypted data to a storage medium, including:

obtaining first data based on a medium personal number and independent from a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium;

encrypting the data based on the first data; and

providing the encrypted data to the storage medium.

108. (New) A method according to claim 107. (New), wherein the obtaining first data includes encrypting a key based on the medium personal number, and wherein the encrypting includes encrypting the data based on the key.

109. (New) A method according to claim 107. (New), wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

110. (New) A method according to claim 107. (New), wherein the first data comprises the medium personal number.

111. (New) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

an area storing encrypted electronic data;

an area storing a medium personal number which is unique for each storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user computer cannot change; and

an area storing permission information which includes a decryption key encrypted in a manner that is not dependent on a specific device identifier for a specific device.

112. (New) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

_____ an area storing encrypted electronic data;

_____ an area storing a medium personal number which is unique for each storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user computer cannot rewrite; and

_____ an area storing permission information encrypted in a manner that is not dependent on a specific device identifier for a specific device.

113. (New) A storage medium accessed by a vendor computer and a user computer said storage medium for storing information readable by said user computer said storage medium comprising:

_____ an area storing encrypted electronic data;

_____ an area storing a medium personal number which is unique for each storage medium; and

_____ an area storing encrypted permission information that is not dependent on a specific device identifier for a specific device;

_____ wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which a user computer cannot rewrite.

114. (New) A storage medium readable by a device, comprising:

_____ encrypted data; and

first data that is based on a medium personal number and not based on a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium, and wherein the first data is used by the device to decrypt the encrypted data.

115. (New) A storage medium according to claim 114. (New), wherein the first data includes a key encrypted based on the medium personal number.

116. (New) A storage medium according to claim 114. (New), wherein the encrypted data is encrypted based on the key.

117. (New) A storage medium according to claim 114. (New), wherein the first data comprises the medium personal number.

118. (New) A storage medium readable by different devices at different times, comprising:

encrypted data; and

first data that is based on a medium personal number and not based on a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium, and wherein the first data is used by the device to decrypt the encrypted data.

119. (New) A storage medium readable by a device, comprising:

encrypted data; and

first data that is based on a medium personal number and independent from a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium, and wherein the first data is used by the device to decrypt the encrypted data.

120. (New) A storage medium according to claim 119. (New), wherein the first data includes a key encrypted based on the medium personal number.

121. (New) A storage medium according to claim 119. (New), wherein the encrypted data is encrypted based on the key.

122. (New) A storage medium according to claim 119. (New), wherein the first data comprises the medium personal number.

123. (New) A storage medium readable by different devices at different times, comprising:

encrypted data; and

first data that is based on a medium personal number and independent from a specific device identifier for a specific device, wherein the medium personal number is un-rewritable and unique to the storage medium, and wherein the first data is used by the device to decrypt the encrypted data.

124. (New) A storage medium for storing data for access and processing by a storage reading apparatus, said storage medium comprising:

a medium personal number storage area including a medium personal number which is unique for each storage medium, wherein the medium personal number is written onto the storage medium in an un-rewritable form which a user storage reading apparatus cannot rewrite;

an electronic information storage area including electronic information; and
an information storage area including information which is encrypted based on said medium personal number and not on a specific device identifier for a specific device.

125. (New) A storage medium for storing data for access and processing by a user storage reading apparatus, said storage medium comprising:

an encrypted electronic information storage area including encrypted electronic information;

a medium personal number storage area including a medium personal number which is unique for each storage medium;

wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user storage reading apparatus cannot rewrite, and said medium personal number is used for decrypting said encrypted electronic information; and

an information storage area including information which is encrypted based on said medium personal number and not on a specific device identifier for a specific device.